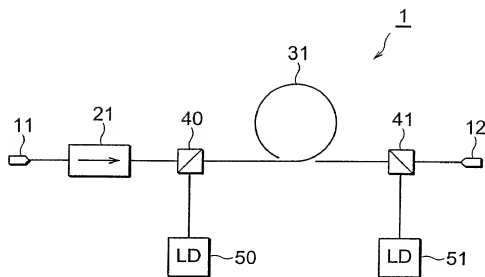
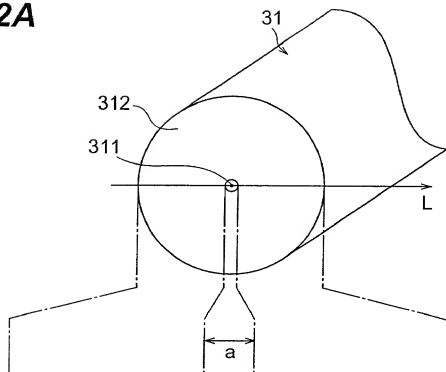


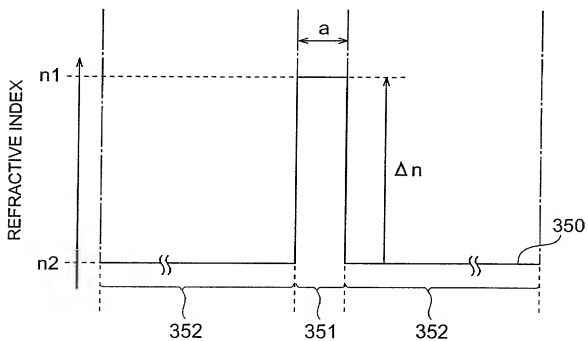
**Fig.1**

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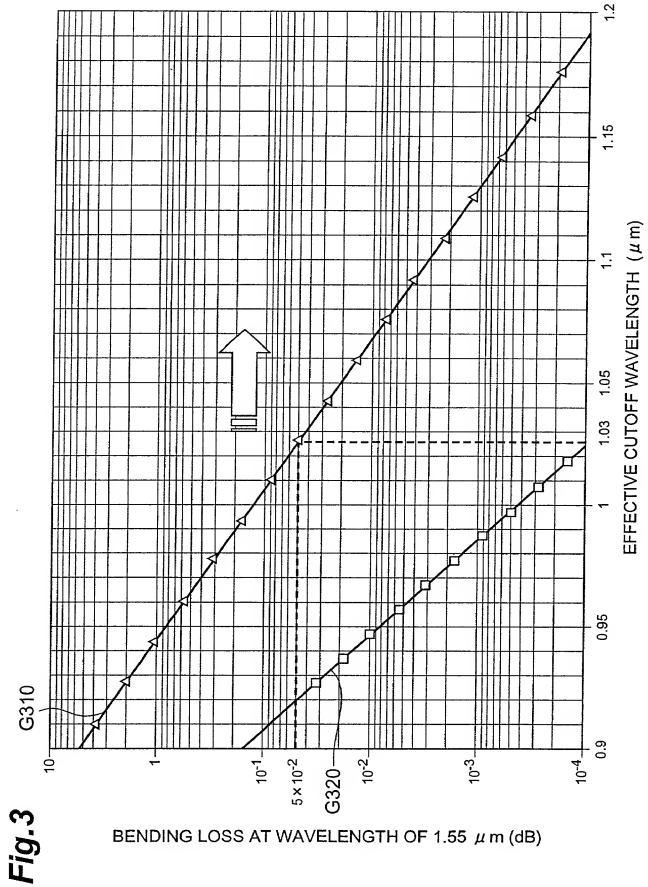
**Fig.2A**



**Fig.2B**



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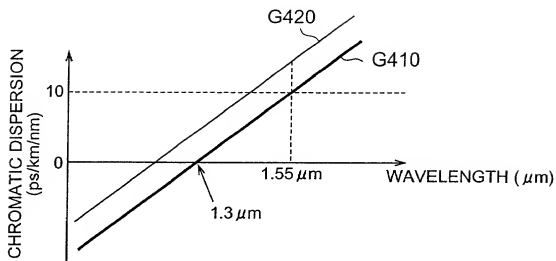
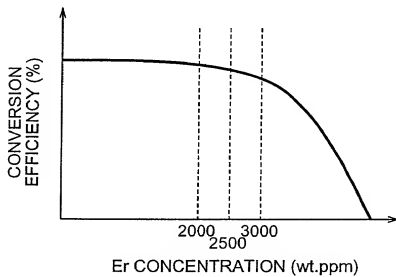
**Fig.4****Fig.5**

Fig.6

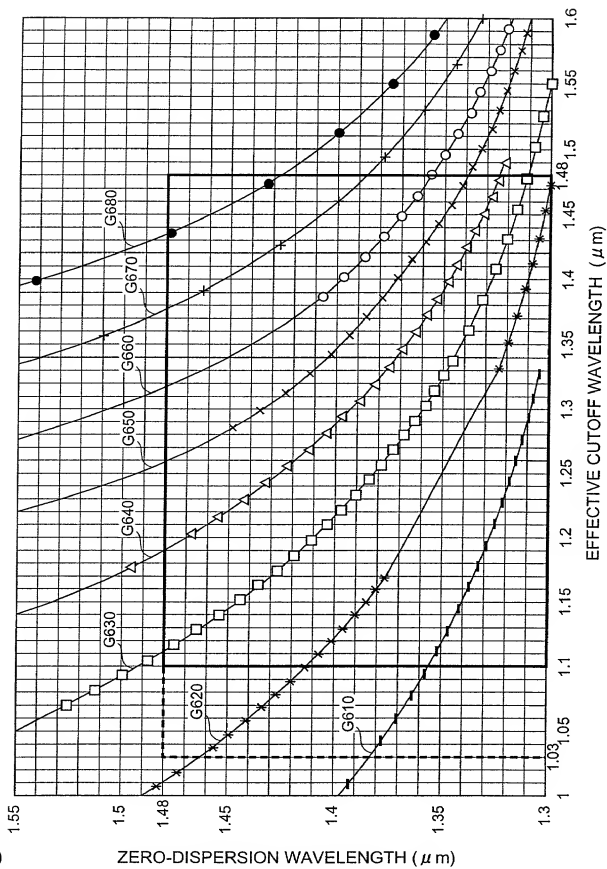
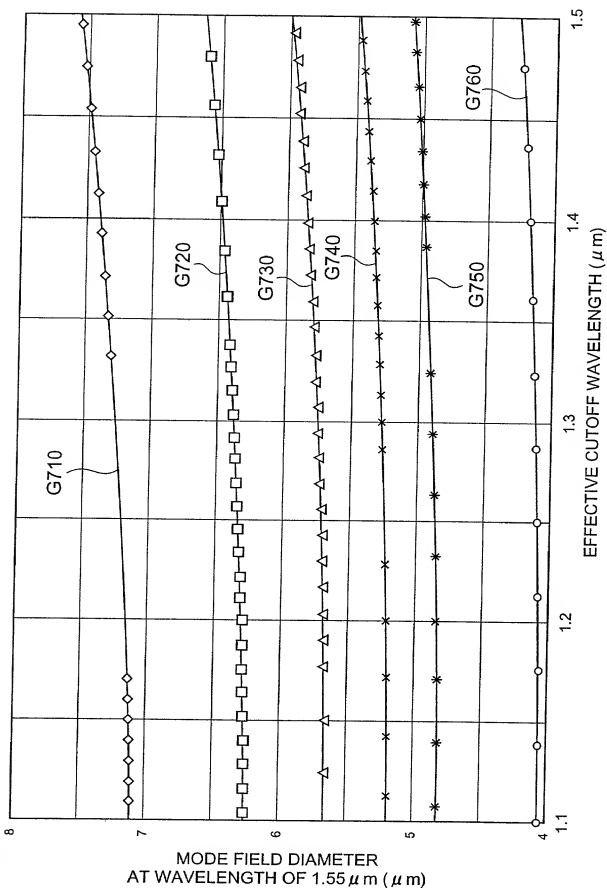


Fig.7

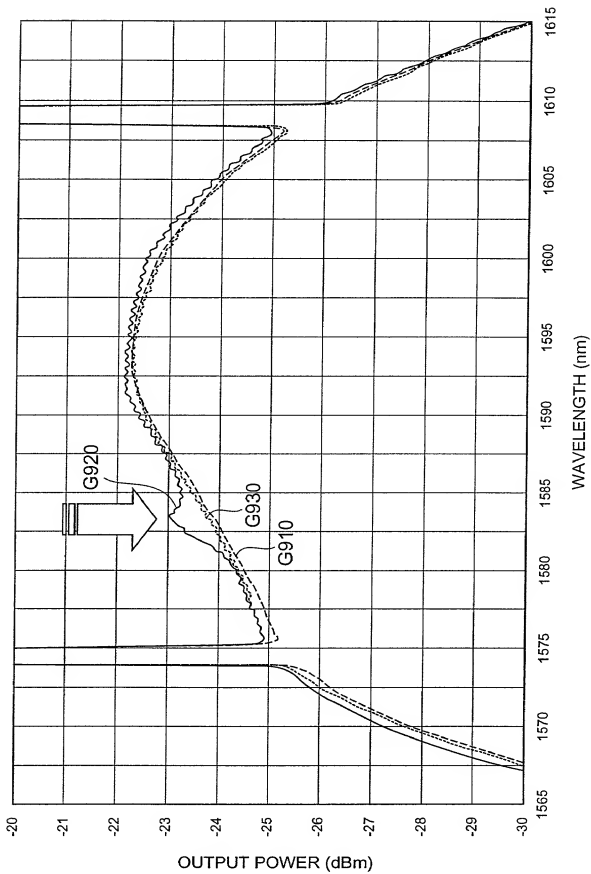


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Fig.8

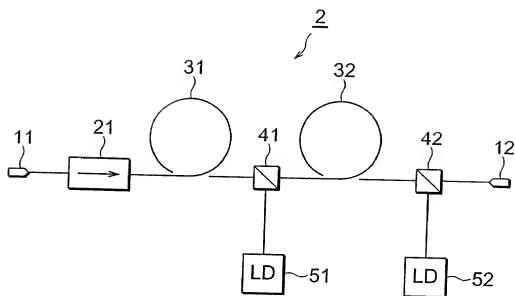
	RELATIVE REFRACTIVE INDEX DIFFERENCE $\Delta n$ (%)	EFFECTIVE CUTOFF WAVELENGTH( $\mu m$ )	ZERO-DISPERSION WAVELENGTH( $\mu m$ )	MODE FIELD DIAMETER( $\mu m$ ) AT 1.55 $\mu m$	$E_r$ CONCENTRATION (wt.ppm)	$A_l$ CONCENTRATION (wt%)
EDF1	1.12	1.37	1.38	5.74	912	3.9
EDF2	1.34	1.28	1.57	5.46	1140	6.2
EDF3	0.71	0.83	1.65	7.81	790	3.5

Fig.9

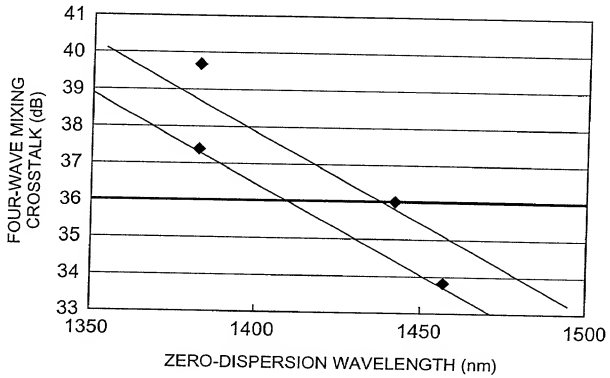


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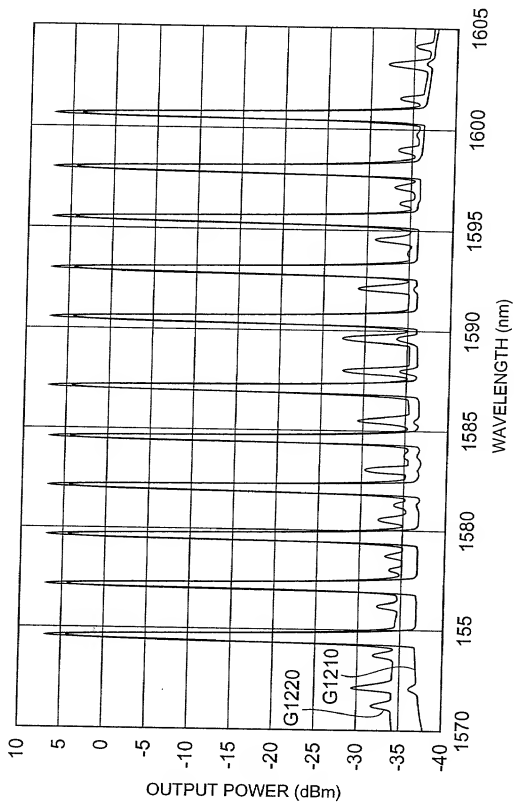
**Fig.10**

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**Fig.11**

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**Fig.12**

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**Fig.13**